

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)


 ATTY. DOCKET NO.
 D0077 NP
 APPLICATION NO.
 10/010,568
 APPLICANT
 RAMANATHAN ET AL.
 FILING DATE
 DECEMBER 7, 2001

RECEIVED

AUG 5 0 2002
Group

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
83	AM	WO 01/36471	5/25/01	PCT			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AN	WO 01/36473	5/25/01	PCT			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AO	WO 01/49847	7/12/01	PCT			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AP	WO 01/57190	8/9/01	PCT			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AQ	WO 01/87937	11/22/01	PCT			<input checked="" type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

83	AR	NCBI ENTREZ ACCESSION NO: gil18201872
	AS	NCBI ENTREZ ACCESSION NO: gil20152260
	AT	GENE 275(1):83-91 (2001)

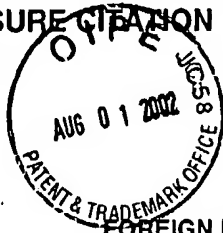
EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY. DOCKET NO.
D0077 NP
APPLICATION NO.
10/010,568
APPLICANT
RAMANATHAN ET AL.
FILING DATE
DECEMBER 7, 2001

RECEIVED

AUG 5 0 2002
Group

TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLAS S	TRANSLATION	
							YES	NO
83	AA	WO 01/87980	11/22/01	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AB	WO 02/14511	2/21/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AC						<input type="checkbox"/>	<input type="checkbox"/>
	AD						<input type="checkbox"/>	<input type="checkbox"/>
	AE						<input type="checkbox"/>	<input type="checkbox"/>
	AF						<input type="checkbox"/>	<input type="checkbox"/>
	AG						<input type="checkbox"/>	<input type="checkbox"/>
	AH						<input type="checkbox"/>	<input type="checkbox"/>
	AI						<input type="checkbox"/>	<input type="checkbox"/>
	AJ						<input type="checkbox"/>	<input type="checkbox"/>
	AK						<input type="checkbox"/>	<input type="checkbox"/>
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>
	AR						<input type="checkbox"/>	<input type="checkbox"/>
	AS						<input type="checkbox"/>	<input type="checkbox"/>
	AT						<input type="checkbox"/>	<input type="checkbox"/>
	AU						<input type="checkbox"/>	<input type="checkbox"/>
	AV						<input type="checkbox"/>	<input type="checkbox"/>
	AW						<input type="checkbox"/>	<input type="checkbox"/>
	AX						<input type="checkbox"/>	<input type="checkbox"/>
	AY						<input type="checkbox"/>	<input type="checkbox"/>
	AZ						<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER

83 ~

DATE CONSIDERED

7/28/04

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0077 NP
APPLICATION NO.
10/010,568
APPLICANT
RAMANATHAN ET AL.
FILING DATE
DECEMBER 7, 2001

Group



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

RECEIVED
FEB 24 2003
TECH CENTER 1600/2300

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
83	AM	WO0187980	11/22/01	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

83	AR	Bhagwat, S.S. et al., "P2 purine and pyrimidine receptors: emerging superfamilies of G-protein-coupled and ligand-gated ion channel receptors", Eur. J. Med. Chem., Vol. 32, pp. 183-193 (1997)
	AS	EBI Database Accession No. AC026756, Abola, A.P. et al., March 24, 2000
	AT	EBI Database Accession No. AF411109, Lee, D.K. et al., November 1, 2001

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

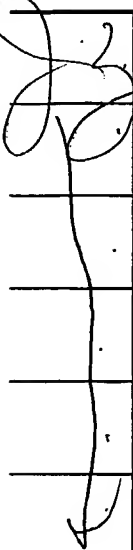
INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0077 NP
APPLICATION NO.
10/010,568
APPLICANT
RAMANATHAN ET AL.
FILING DATE
DECEMBER 7, 2001

Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	2AA	EBI Database Accession No. AL356486, Skuce, C., May 21, 2000
	2AB	EBI Database Accession No. MM22829, Tokuyama, Y. et al., April 22, 1995
	2AC	EBI Database Accession No. Q96P68, Lee, D.K. et al., December 1, 2001
	2AD	EBI Database Accession No. RN22830, Tokuyama, Y. et al., April 22, 1995
	2AE	Lee, D.K. et al., "Discovery and mapping of ten novel G protein-coupled receptor genes", Gene, Vol. 275, pp. 83-91 (2001)
	2AF	Tokuyama, Y. et al., "Cloning of Rat and Mouse P _{2Y} Purinoceptors", Biochemical and Biophysical Research Communications, Vol. 211, No. 1, pp. 211-218 (1995)
	AG	
	AH	
	AI	
	AJ	
	AK	
	AL	
	AM	
	AN	

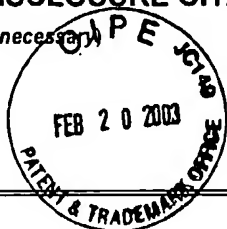
EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY. DOCKET NO.
D0077 NP
APPLICATION NO.
10/010,568
APPLICANT
RAMANATHAN ET AL.
FILING DATE
DECEMBER 7, 2001

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

RECEIVED
FEB 27 2003
TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AN						<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AO						<input checked="" type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

83	AR	NCBI ENTREZ ACCESSION NO: gi 18201872, Lee, D.K. et al., May 14, 2002
1	AS	NCBI ENTREZ ACCESSION NO: gi 20152260, Takeda, S. et al., May 24, 2002
1	AT	Lee, D.K. et al., "Discovery and mapping of ten novel G protein-coupled receptor genes", Gene, Vol. 275, pp. 83-91 (2001)

EXAMINER

DATE CONSIDERED

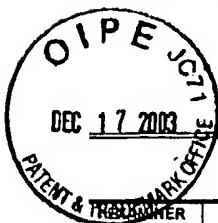
*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0077 NP
APPLICATION NO.
10/010,568
APPLICANT
RAMANATHAN ET AL.
FILING DATE
DECEMBER 7, 2001

Group



U.S. PATENT DOCUMENTS

INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
23	AM	WO 02/16548	2/28/02	PCT 46 STRAIGHT ON LX			<input type="checkbox"/>	<input checked="" type="checkbox"/>
↓	AN	WO 02/088183	11/7/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AO	WO 03/004678	1/16/03	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AR	
AS	
AT	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.
D0077 NP
APPLICATION NO.
10/010,568
APPLICANT
RAMANATHAN ET AL.
FILING DATE
DECEMBER 7, 2001

Group



Several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

RECEIVED

FEB 20 2003

TECH CENTER 1600/2000

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
23	AM	WO02057441	7/25/02	PCT			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AN	WO02057452	7/25/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AO	WO02055702	7/18/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AP	WO02064789	8/22/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	GB2365012A	2/13/02	GB			<input type="checkbox"/>	<input type="checkbox"/>
	AR	GB2369364A	5/29/02	GB			<input type="checkbox"/>	<input type="checkbox"/>
	AS	EP1219638A2	3/7/02	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AT	DE10046970A1	4/11/02	DE			<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

23	AR	NCBI ENTREZ ACCESSION NO.: gi 17475418, NCBI Annotation Project, February 7, 2002
↓	AS	NCBI ENTREZ ACCESSION NO.: gi 15209583, Glucksmann, M.A. et al., August 15, 2001
	AT	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.